

**Lucent Technologies**  
Bell Labs Innovations

Barbara A. Landmann  
President  
Intellectual Property Business



600 Mountain Ave.  
Room 2F-111  
Murray Hill, New Jersey 07974 USA  
Tel: 908 582 8580  
Fax: 908 582 5060  
[blandmann@lucent.com](mailto:blandmann@lucent.com)

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Susan M. Carioti  
ATIS Manager, Standards Disciplines  
1200 G Street, NW, Suite 500  
Washington, D.C. 20005

**Subject: Patent Disclosure and Licensing Statement relating to PQRC-2006-012R2**

Dear Ms. Carioti,

We would like to advise you that Lucent Technologies' participant in the Alliance for Telecommunications Industry Solutions (ATIS), Doh-Suk Kim, has personal knowledge of two Lucent patent applications that he believes are essential for the implementation of his contribution, which is being balloted as the following American National Standard:

- **PQRC-2006-012R2**, entitled, "Auditory Non-Intrusive Quality Estimation Plus (ANIQUE+) Perceptual Model for Non-Intrusive Estimation of Narrow-Band Speech Quality"

Please note that Lucent has not conducted, and is not prepared to conduct, a search of its patent portfolio in connection with this disclosure. This disclosure is being made based on the personal knowledge of the participant only.

In addition, we wish to assure you that, to the extent that such patent applications are indeed essential to the implementation of the subject contribution that is adopted as an ATIS/ANSI standard, Lucent is prepared to license to any applicant, to the extent that Lucent has the right to do so and on the basis of reciprocity (grantback), a license to such essential patent applications on reasonable, nondiscriminatory terms and conditions for the purpose of implementing the standard.

If you have any questions, please contact Bill Carter, Senior Manager – IPBA and Standards IP Policy, at 908-582-2156 or [carterwr@lucent.com](mailto:carterwr@lucent.com).

Very truly yours,

*Barbara A. Landmann*